Original Classifications
```
16   707/4
11   707/3
 9   707/2
 7   707/102
 5   707/100
 4   707/103R
 3   707/5
 2   345/440
 2   706/59
 2   707/10
 2   707/104.1
 2   707/8
 2   707/9
```

Cross-Reference Classifications
```
16   707/3
 9   707/104.1
 9   707/2
 8   707/102
 7   707/4
 6   707/1
 6   707/10
 6   707/5
 4   706/934
 4   707/100
 4   713/200
 3   345/853
 3   706/11
 3   706/45
 3   707/101
 3   707/533
 2   345/781
 2   345/835
 2   345/968
 2   379/230
 2   707/200
 2   707/501.1
 2   707/9
 2   709/229
 2   709/316
 2   713/201
```

Combined Classifications

```
27  707/3
23  707/4
18  707/2
15  707/102
11  707/104.1
 9  707/100
 9  707/5
 8  707/10
 7  707/1
 5  707/103R
 4  345/853
 4  706/45
 4  706/934
 4  707/9
 4  713/200
 3  706/11
 3  707/101
 3  707/501.1
 3  707/533
 2  345/440
 2  345/781
 2  345/835
 2  345/968
 2  379/221.08
 2  379/230
 2  706/59
 2  707/200
 2  707/513
 2  707/6
 2  707/8
 2  709/219
 2  709/229
 2  709/316
 2  713/201
```

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09416414 on April 08, 2002


```
 27  707/3          (11 OR, 16 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/1            DATABASE OR FILE ACCESSING
         707/3            .Query processing (i.e., searching)


 23  707/4          (16 OR, 7 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/1            DATABASE OR FILE ACCESSING
         707/3            .Query processing (i.e., searching)
         707/4            ..Query formulation, input preparation, or
                          translation


 18  707/2          (9 OR, 9 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/1            DATABASE OR FILE ACCESSING
         707/2            .Access augmentation or optimizing


 15  707/102        (7 OR, 8 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/100          DATABASE SCHEMA OR DATA STRUCTURE
         707/102          .Generating database or data structure (e.g.,
                          via user interface)


 11  707/104.1      (2 OR, 9 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/100          DATABASE SCHEMA OR DATA STRUCTURE
         707/104.1        .Application of database or data structure
                          (e.g., distributed, multimedia, image)


  9  707/100        (5 OR, 4 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                        MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
```

```
                     707/100          DATABASE SCHEMA OR DATA STRUCTURE

  9  707/5              (3 OR, 6 XR)
            Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                              MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
            707/1              DATABASE OR FILE ACCESSING
            707/3              .Query processing (i.e., searching)
            707/5              ..Query augmenting and refining (e.g., inexact
                                access)

  8  707/10             (2 OR, 6 XR)
            Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                              MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
            707/1              DATABASE OR FILE ACCESSING
            707/10             .Distributed or remote access

  7  707/1              (1 OR, 6 XR)
            Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                              MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
            707/1              DATABASE OR FILE ACCESSING

  5  707/103R           (4 OR, 1 XR)
            Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                              MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
            707/100            DATABASE SCHEMA OR DATA STRUCTURE
            707/103R           .Object-oriented database structure

  4  345/853            (1 OR, 3 XR)
            Class     345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                              INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                              SYSTEMS
            345/700            OPERATOR INTERFACE (E.G., GRAPHICAL USER
                                INTERFACE)
            345/764            .On-screen workspace or object
            345/853            ..Hierarchy or network structure

  4  706/45             (1 OR, 3 XR)
            Class     706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
            706/45             KNOWLEDGE PROCESSING SYSTEM

  4  706/934            (0 OR, 4 XR)
            Class     706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
            706/902            APPLICATION USING AI WITH DETAIL OF THE AI
```

```
        706/934        .Information retrieval or information
                        management


   4  707/9           (2 OR, 2 XR)
           Class    707 :   DATA PROCESSING:   DATABASE AND FILE
                           MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
           707/1           DATABASE OR FILE ACCESSING
           707/9           .Privileged access


   4  713/200         (0 OR, 4 XR)
           Class    713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS:   SUPPORT
           713/200         SECURITY


   3  706/11          (0 OR, 3 XR)
           Class    706 :   DATA PROCESSING: ARTIFICIAL INTELLIGENCE
           706/11          HAVING PARTICULAR USER INTERFACE


   3  707/101         (0 OR, 3 XR)
           Class    707 :   DATA PROCESSING:   DATABASE AND FILE
                           MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
           707/100         DATABASE SCHEMA OR DATA STRUCTURE
           707/101         .Manipulating data structure (e.g.,
                            compression, compaction, compilation)


   3  707/501.1       (1 OR, 2 XR)
           Class    707 :   DATA PROCESSING:   DATABASE AND FILE
                           MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
           707/500         DOCUMENT PROCESSING
           707/501.1       .Hypermedia


   3  707/533         (0 OR, 3 XR)
           Class    707 :   DATA PROCESSING:   DATABASE AND FILE
                           MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
           707/500         DOCUMENT PROCESSING
           707/530         .Edit, composition, or storage control
           707/531         ..Text
           707/533         ...Spell check


   2  345/440         (2 OR, 0 XR)
           Class    345 :   COMPUTER GRAPHICS PROCESSING, OPERATOR
                           INTERFACE PROCESSING, AND SELECTIVE VISUAL
   DISPLAY
```

```
                         09416414_CLSTITLES
                         SYSTEMS
         345/418          COMPUTER GRAPHICS PROCESSING
         345/440          .Graph generating

  2  345/781          (0 OR, 2 XR)
         Class    345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                         INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                         SYSTEMS
         345/700          OPERATOR INTERFACE (E.G., GRAPHICAL USER
                             INTERFACE)
         345/764          .On-screen workspace or object
         345/781          ..Window or viewpoint

  2  345/835          (0 OR, 2 XR)
         Class    345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                         INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                         SYSTEMS
         345/700          OPERATOR INTERFACE (E.G., GRAPHICAL USER
                             INTERFACE)
         345/764          .On-screen workspace or object
         345/810          ..Menu or selectable iconic array (e.g.,
                             palette)
         345/835          ...Selectable iconic array

  2  345/968          (0 OR, 2 XR)
         Class    345 :  COMPUTER GRAPHICS PROCESSING, OPERATOR
                         INTERFACE PROCESSING, AND SELECTIVE VISUAL
DISPLAY
                         SYSTEMS
         345/961          OPERATOR INTERFACE WITH VISUAL STRUCTURE OR
                             FUNCTION DICTATED BY INTENDED USE
         345/965          .For process control and configuration
         345/966          ..Computer process (e.g., operation of
                             computer)
         345/968          ...Interface for database querying and
                             retrieval

  2  379/221.08       (1 OR, 1 XR)
         Class    379 :  TELEPHONIC COMMUNICATIONS
         379/219          PLURAL EXCHANGE NETWORK OR INTERCONNECTION
         379/220.01       .With interexchange network routing
         379/221.08       ..Advanced intelligent network (AIN)

  2  379/230          (0 OR, 2 XR)
         Class    379 :  TELEPHONIC COMMUNICATIONS
         379/219          PLURAL EXCHANGE NETWORK OR INTERCONNECTION
```

```
         379/229        .Interexchange signalling
         379/230        ..Signalling path distinct from trunk (e.g.,
                          CCIS)


 2   706/59        (2 OR, 0 XR)
         Class     706 :  DATA PROCESSING: ARTIFICIAL INTELLIGENCE
         706/45            KNOWLEDGE PROCESSING SYSTEM
         706/59           .Creation or modification


 2   707/200       (0 OR, 2 XR)
         Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                            MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/200           FILE OR DATABASE MAINTENANCE


 2   707/513       (1 OR, 1 XR)
         Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                            MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/500           DOCUMENT PROCESSING
         707/513          .Structured document (e.g., HTML, SGML, ODA,
                           CDA)


 2   707/6         (1 OR, 1 XR)
         Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                            MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/1             DATABASE OR FILE ACCESSING
         707/3            .Query processing (i.e., searching)
         707/6            ..Pattern matching access


 2   707/8         (2 OR, 0 XR)
         Class     707 :  DATA PROCESSING:  DATABASE AND FILE
                            MANAGEMENT, DATA STRUCTURES, OR DOCUMENT    P
ROCESSING
         707/1             DATABASE OR FILE ACCESSING
         707/8            .Concurrency (e.g., lock management in shared
                           database)


 2   709/219       (1 OR, 1 XR)
         Class     709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
         709/200           MULTICOMPUTER DATA TRANSFERRING
         709/217          .Remote data accessing
         709/219          ..Accessing a remote server


 2   709/229       (0 OR, 2 XR)
```

          Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
          709/200   MULTICOMPUTER DATA TRANSFERRING
          709/227   .Computer-to-computer session/connection
                              establishing
          709/229   ..Network resources access controlling

  2 709/316   (0 OR, 2 XR)
          Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
          709/310   INTERPROGRAM COMMUNICATION, INTERPROCESS
                                COMMUNICATION (IPC)
          709/313   .Interprogram Communication Using Message
          709/315   ..Object Oriented Message
          709/316   ...Managed Object System

  2 713/201   (0 OR, 2 XR)
          Class   713 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS: SUPPORT
          713/200   SECURITY
          713/201   .Computer network

```
5797137 73
5899987 73
5956710 73
6012067 73
6088796 73
6185560 64
5963949 64
5355474 64
5694590 64
5727196 63
6006224 63
6125209 63
6243450 63
5440735 63
5701400 63
5752027 63
5774128 63
5819277 63
5850631 63
5956727 63
6233584 63
6343287 63
5369763 60
4918620 59
5734885 59
6125361 56
4493947 56
5729599 56
6304556 56
5995978 55
6167449 55
6363376 55
5926387 55
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5894311 54
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5740421 54
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6092074 54
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6240058 54
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5671333 54
5706495 54
5715453 54
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5761493 54
5768578 54
5787411 54

PLUS Search Results for S/N 09416414, Searched April 08, 2002

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6125361
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5729599
6304556
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6363376
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5560007
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PLUS Search Results for S/N 09416414, Searched April 08, 2002

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5787411

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abstract 2
accordance 3
accordingly 2
act 1
actual 1
add 2
address 1
addressed 1
addressing 1
advanced 2
advantages 1
after 4
age 1
alert 3
alerted 1
alerts 2
all 8
allow 2
allows 3
along 2
already 2
also 8
alternatively 3
although 2
an 27
analyses 1
analysis 7
analyst 2
analysts 5
analytic 1
analytical 2
analyze 1
and 79
andior 1
andlor 3
another 3
answer 6
answers 1
anticipate 1
any 3
apparatus 4
apparent 2
appended 1
application 55
applications 16

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appreciate 2
appreciated 3
approach 9
approaches 3
appropriate 1
arc 2
are 33
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arises 1
art 10
arts 1
as 37
ask 7
asking 1
asks 1
aspect 1
assault 1
assigned 1
association 1
at 8
attempted 1
attention 1
attribute 20
attributes 19
attributevalue 1
available 1
average 7
averages 3
avoid 1
aware 2
background 2
banking 1
barring 1
based 3
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basis 1
basketball 1
be 35
because 2
become 2
becomes 1
been 1
begun 1
being 1
best 2
between 9

beyond 1
bits 2
block 1
both 1
break 4
brief 1
bundling 2
burglar 1
business 2
but 6
by 29
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called 1
can 16
capabilities 1
capability 1
capture 1
capturing 1
certain 1
change 3
chip 1
circumstances 3
claim 1
class 1
clear 1
click 6
clicks 1
coach 1
coaches 1
code 3
collection 2
columns 1
common 2
commonly 1
comparable 1
compared 1
completely 1
complex 4
complexity 2
complicated 2
computation 24
computations 26
compute 1
computed 2
computer 23
computes 2
concept 1
concepts 2

conditions 3
consequently 4
considered 1
consist 1
consuming 1
contain 3
contains 2
content 1
contents 1
context 2
continuation 1
cope 2
corporate 6
corporateheadquarters 1
corporation 1
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correspond 2
corresponding 9
costly 1
count 1
counter 2
counting 1
counts 2
court 1
create 4
daily 1
danger 1
data 62
database 3
databases 2
date 2
day 3
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default 2
defeat 1
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defined 4
describe 2
described 3
describes 1
description 4
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designing 1
desirable 5
desired 1

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difference 3
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discovered 3
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elapsed 3
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elements 4
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employs 2
enabled 1
enables 1
end 1
ensuing 1
entered 1
entertainment 1

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equal 1
equivalent 1
etc 12
even 10
events 3
every 3
evident 2
example 11
exception 1
executed 3
executes 1
exemplified 1
exist 2
existing 1
expect 1
expected 1
experiment 1
explain 1
explosion 2
express 1
extra 2
extreme 1
fact 1
factor 1
factors 4
familiar 2
far 3
features 1
felt 1
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fields 11
fig 5
filed 1
finally 2
find 10
finding 4
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finite 2
first 3
fit 1
fits 1
focused 1
focusing 1
followed 1
following 1
for 72

form 2
format 1
former 1
fourth 1
friendly 1
from 5
front 1
function 3
functioning 1
fundamentally 1
further 5
furthermore 1
general 6
generality 1
generally 2
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generates 1
given 2
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gravity 1
greater 3
greatest 7
guarantee 1
guard 15
guarding 1
guards 1
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gut 1
had 1
handle 1
has 8
have 13
having 12
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he 1
headquarters 5
hence 2
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hereinafter 2
hidden 8
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hypothetical 1

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if 9
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imethod 1
immediately 1
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implementing 1
implements 1
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incident 12
incidents 23
include 5
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incorporated 1
increases 2
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indicating 1
individual 1
industry 2
inexperienced 1
influence 2
influences 3
information 3
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input 8
inputs 8
ins 2
inside 1
instance 4
instead 4
insurance 1
integer 4
integers 1
integrating 1
integration 1
intended 1
interact 3
interest 6
interested 2
interesting 1
interface 9
interfaces 4

interpret 2
intervals 1
into 8
intrinsic 2
invention 20
invests 1
invoked 2
involves 1
is 72
issue 2
issued 1
issues 2
it 27
items 3
jt 1
keeping 1
kind 1
know 1
knowledge 5
known 3
labels 1
language 1
large 1
late 1
lately 1
leam 2
learn 3
least 8
left 1
lesser 2
lets 2
lie 3
likelihood 4
likely 1
limit 1
limitation 1
limited 2
line 4
link 2
linking 2
links 1
list 2
lists 2
literature 1
live 1
lives 1
location 5
locations 2

log 22
logical 3
logically 6
logs 3
longer 1
loss 1
lot 2
made 3
make 1
makes 2
making 3
manages 1
manner 1
manufacturing 1
many 2
map 3
maps 3
mathematical 9
mathematically 2
matter 1
maximally 4
may 14
mba 2
meaningful 3
means 4
measures 3
mechanism 1
memory 1
men 1
method 3
methodologies 2
methods 1
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mining 33
minor 1
model 6
modeling 1
module 11
more 9
most 1
mould 1
much 1
multiplication 1
must 11
namely 4
national 1
nature 1
nbatm 2

needs 2
negative 1
neither 1
network 1
neural 1
new 7
next 1
night 9
no 4
non 20
nor 2
not 24
note 1
nothing 1
novice 1
now 3
number 30
numbers 6
numeric 6
numerous 1
object 3
objects 2
obtain 1
obtained 1
obvious 1
occur 2
occurred 10
occurrence 2
october 1
of 182
off 2
offerings 1
ofincident 1
often 2
olam 1
on 14
one 8
online 1
only 6
operates 1
operation 1
opposed 1
or 27
ordinary 1
original 2
other 16
our 3
out 1

output 4
outputs 1
outscore 1
outside 1
overlap 6
overlooked 2
packaged 1
packages 2
pairs 2
parametric 2
part 1
partial 1
particular 2
particularly 2
partitioned 6
patent 1
patterns 8
people 1
percentages 4
perhaps 1
permits 1
person 4
pertain 1
pervades 1
ph 1
physical 3
plant 1
player 2
playing 1
point 7
pointand 1
points 2
position 1
positive 2
possess 1
possible 3
pre 3
predict 2
predicting 1
prediction 1
preferably 1
prepared 1
prepares 1
present 11
presented 3
preserves 1
preventive 1
previous 1

primarily 2
primitive 1
primitives 4
principles 1
prior 4
problem 1
process 1
processing 2
produce 5
producing 1
products 1
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